

Amendments to the Claims:

This listing will replace all prior versions and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A heating assembly, comprising:  
  
a pan;  
  
an insulating frame, wherein the pan is attached to the insulating frame;  
  
a sheet of a glass or of a ceramic substrate material, the sheet of substrate material having a major surface and a with an electrically conductive low emissivity thin film conductive coating disposed thereon deposited uniformly thereover, the thin film comprising a doped metal oxide, wherein the sheet of substrate material is attached to the insulating frame; and  
  
at least two bus bars, the bus bars being disposed onto the doped metal oxide thin film and in electrical contact ~~with the coating therewith~~, the bus bars and electrically conductive thin film being capable of carrying electrical heating currents.
2. (Original) The heating assembly of claim 1, wherein the insulating frame comprises a ring.
3. (Original) The heating assembly of claim 2, wherein the pan comprises metal.

4. (Original) The heating assembly of claim 3, wherein the pan is attached to a cooktop.

5. (Original) The heating assembly of claim 1, wherein the insulating frame comprises a high temperature dielectric material.

6. (Original) A warming device comprising the heating assembly of claim 1, wherein the substrate is comprised of borosilicate glass or tempered soda-lime silica glass.

7. (Original) A warming drawer comprising the warming device of claim 6.

8. (Original) A bread warmer comprising the warming device of claim 6.

9. (Original) A heating device comprising the heating assembly of claim 1, wherein the substrate is comprised of a ceramic or glass-ceramic composite.

10. (Original) A cooktop comprising the heating device of claim 9.

11. (Original) The cooktop of claim 10, wherein the pan is attached to the cooktop and the cooktop is spaced apart from the substrate by a dimension in the range of 8 to 12 mm.

12. (Original) A countertop burner comprising the heating device of claim 9.

13. (Original) The heating assembly of claim 1, further comprising at least one temperature sensor in thermal contact with the substrate or cooking surface.

14. (Currently amended) The heating assembly of claim 13, further comprising an appliance control system that communicates with the temperature sensor to regulate the electrical current that is conducted through the ~~coating~~ thin film, thus controlling the heating of the heating assembly.

15. (Canceled)

16. (Original) The heating assembly of claim 1, wherein the bus bars comprise copper disposed by way of a heating head and mask apparatus.

17. (Currently amended) A cooking appliance, comprising:

a cooktop;

a metal pan, wherein the metal pan is attached to the cooktop;

an insulating ring, wherein the insulating ring is attached to the pan;

a sheet of a glass or of a ceramic substrate material, the sheet of substrate material having a major surface and a with an electrically conductive low emissivity

thin film ~~conductive coating disposed thereon~~ deposited uniformly thereover, the  
thin film comprising a doped metal oxide, wherein the sheet of substrate material is  
attached to the insulating ring; and

at least two bus bars, the bus bars being disposed onto the doped metal oxide  
thin film and in electrical contact ~~with the coating~~ therewith, the bus bars and  
electrically conductive thin film being capable of carrying electrical heating  
currents.